

ABSTRACT:

A computer system with a processing unit and a memory. The processing unit is arranged to fetch memory lines from the memory and execute instructions from the memory lines. Each memory line is fetched as a whole and is capable of holding more than one instruction. An instruction comprises information that signals explicitly how the processing unit, when processing the instruction from a current memory line, should control how a part of processing is affected by crossing of a boundary to a subsequent memory line. The processing unit responds to the information by controlling said part as signaled by the information.

10 Fig. 1